



Competencies of the linear accelerator RTT

couto, G., McClure, P., McFadden, S. L., bezzina, P., & Hughes, C. (Accepted/In press). Competencies of the linear accelerator RTT. In *Unknown Host Publication* SEETRO. <http://seetro.org/2017/en/>

[Link to publication record in Ulster University Research Portal](#)

Published in:
Unknown Host Publication

Publication Status:
Accepted/In press: 23/09/2017

Document Version
Author Accepted version

General rights

Copyright for the publications made accessible via Ulster University's Research Portal is retained by the author(s) and / or other copyright owners and it is a condition of accessing these publications that users recognise and abide by the legal requirements associated with these rights.

Take down policy

The Research Portal is Ulster University's institutional repository that provides access to Ulster's research outputs. Every effort has been made to ensure that content in the Research Portal does not infringe any person's rights, or applicable UK laws. If you discover content in the Research Portal that you believe breaches copyright or violates any law, please contact pure-support@ulster.ac.uk.



22-24 SEPTEMBER 2017

SEETRO 2017



22-24 SEPTEMBER 2017



TOKUDA HOSPITAL, SOFIA, BULGARIA

EVENT INFORMATION

Registration of participants will be at **22nd of September (Friday)** between **08,00 to 10,00 am** in the Congress Centre on the 9th floor of Acibadem City Clinic Tokuda Hospital.

Scientific program will be held in the Congress center on the 9th floor of Acibadem City Clinic Tokuda Hospital.

Coffee breaks and lunches will be held in the small hall in front of the Congress Centre.

Official dinner will be organized at **23rd of September (Saturday)** in the Restaurant Happy Village, located at blvd. Dragan Tsankov 5, Park Borissova Gradina at **19.30**.

Poster exhibition is located in the lobby of the Congress Centre.

Posters have to be printed and fixed at the holders by the participants.

Poster's maximum size is up to 95cm/ 95cm.

Transportation and parking place.

During the event the organizers took care of your comfort and transportation between Hotel ATM, 131 Tsarigradsko shose blvd., Sofia and the venue.

A free parking place in the area of the hospital is provided for all the participants with their own transportation.

Bus transportation for all the other participants accommodated in Hotel ATM in following directions and hours:



22nd of September/Friday/

08.45 – ATM Hotel – Tokuda Hospital
18.45 – Tokuda Hospital – ATM Hotel

23rd of September /Saturday/

08.30 – ATM Hotel – Tokuda Hospital
17.45 – Tokuda Hospital – ATM Hotel
19,15 – ATM Hotel – Restaurant Happy Village

24th of September /Sunday/

8.30 – ATM Hotel – Tokuda Hospital



ESTRO



SEETRO 2017 3rd Regional Congress

Of South East European Technologists In Radiation Oncology

22 - 24 September 2017

Acibadem City Clinic Tokuda Hospital, Sofia, Bulgaria

Organizer:

Bulgarian Society Of
Radiation Therapy
Technicians

ESTRO RTT Committee:

Michelle Leech

Congress Director:

Ivet Payanova

Co-organizing societies:

Komora Diplomiranih Inženjera Medicinske Radiologije F BiH
Croatian Society of Radiation Therapy Technicians
Macedonian Society of Radiological Technologist
Radioloških Inženirjev Slovenije Društvo
Hungarian Society for Radiation
Society of Medical Radiographers (Malta)
Serbian Society of Radiotherapy Technicians
Society of Radiation Therapy Technologist (Turkey)
Towarzystwo Naukowe Techników Medycznych Radioterapii



Golden Sponsors



ELEKTA

DTL MEDICAL
Diagnostic, Treatment, Life

Silver Sponsor

ACIBADEM CITYCLINIC
TOKUDA HOSPITAL

Sponsors



СОФТУЕРНА КОМПАНИЯ ЕООД

MIERI

binarios
Experts in medical informatics



BSRTT
Bulgarian Society of
Radiation Therapy
Technicians



SEETRO – South East Europe Technology in Radiation Oncology

Dear Colleagues,

We are pleased to invite You to the Third Regional Congress of SEETRO (South East Europe Technologists in Radiation Oncology). SEETRO is a cooperation platform of the National Societies of Radiation Therapy Technicians from South–Eastern Europe. The Third Regional Congress of SEETRO will be held from 22nd to 24th September 2017 at Tokuda Hospital – Acibadem City Clinic, Sofia. This year the host of the Congress shall be the Bulgarian Society of Radiation Therapy Technicians – BSRTT. The initiative to create this Society raises as a result of the ESTRO and IAEA Program “The Best Practice in Radiation Oncology – Train the RTT Trainers”. The countries from South–Eastern Europe participated in this program make a commitment to launch series of educational courses for radiation therapy technologists in their own countries. As a result of the collaboration between the representatives from the individual countries the idea to create the Society of the Radiation Therapy Technologists in South–Eastern Europe was born. The First Regional Congress has taken place in 2013 in Belgrade and held by the Serbian Association of Radiation Therapy Technologists. The Second Regional Congress has taken place in 2015 in Zagreb, Republic of Croatia and held by the Croatian Association of Radiation Therapy Technologists. During these years the number of the participating countries has grown and at this moment they are thirteen. The main objective of SEETRO is to improve the cooperation between colleagues from South–Eastern European countries, to assist for skills exchange and share their experience for applying the new methods in Radiation Therapy. We would like to thank You all in advance for planning to attend the SEETRO 2017! We hope that this forum will enrich You with new ideas and will create valuable scientific and personal contacts. Looking forward to see You in Sofia.

The Organizing Committee of SEETRO – 2017

The Congress is intended for RTTs (Radiation Technologists/Radiation Therapists), Medical Physicists and Radiation Oncologists, as well as other professionals in the field of Oncology and Radiotherapy in South-East Europe and the European Union.

REGISTRATION INFORMATION

REGISTRATION FEE

Period of payment	Registration fee	Students
Up to 30.04.2017	60 €	60 €
30.04–15.09.2017	80 €	60 €
On site, after 15.09.2017	100 €	60 €

INFORMATION ABOUT THE REGISTRATION FEE

The registration fee **does not** include hotel accommodation.
The registration fee **includes** attendance of the Scientific and Poster sessions, Lunches, Coffee breaks, Satellite symposiums, Exhibitions and **Social dinner**.

HOTEL ACCOMMODATION

Hotel accommodation in ATM Hotel, Boulevard “Tsarigradsko shose” 131, 1784 Sofia
If you want hotel accommodation in ATM Hotel, Boulevard “Tsarigradsko shose”, please specify the dates and number the nights in the registration form.

PAYMENT



payment should be made by bank transfer to the Bank account:

Account Holder: **BULGARIAN SOCIETY OF RADIATION THERAPY TECHNICIANS**
Bank name: FIRST INVESTMENT BANK
BIC code: FINVBGSF
IBAN: IBAN: BG18FINV91501215958725

Please indicate in the transfer order: **Name of the participant. SEETRO Congress 2017. (And hotel accommodation for... nights in double/triple room)**

Bank transfer charges

All bank charges for the transfer service have to be paid by participants.

Terms of Cancellation

Cancellation will be accepted until August 1, 2017.
The full amount will be refunded less 50 € to cover cancellation costs. No refunds will be made for cancellation received after this date.
Cancellation must be e-mailed to the organizing committee: seetro2017@gmail.com (<mailto:seetro2017@gmail.com>)

Please fill in this form and send it by e-mail: seetro2017@gmail.com (<mailto:seetro2017@gmail.com>)



SCIENTIFIC PROGRAM

PARTICIPATION SUBMISSION FORM

In the Scientific Program of the Third Regional Congress of SEETRO

(South East Europe Technologists in Radiation Oncology)

22-24 September 2017

PLEASE, INDICATE YOUR PREFERRED FORM OF PARTICIPATION IN THE CONGRESS

- Poster
- Presentation

TOPIC:

DIRECTIONS TO AUTHORS

- Authors submit their willingness to participate in the Congress by sending Participation Submission Form to the following e-mail address: **seetro2017@gmail.com (mailto:seetro2017@gmail.com)**
- Deadline for sending the Participation Submission Form for the Scientific Program – 01.05.2017 r.
- Deadline for Abstract submission – 01.06.2017 r.
- All Forms and Abstracts will be reviewed by the Organizers and the Corresponding Author will receive information feedback from the above e-mail address.
- The Abstract should be send to the electronic address: **seetro2017@gmail.com (mailto:seetro2017@gmail.com)**
- Official languages – English, Bulgarian
- Oral Presentation – up to 15 min
- Poster – printed poster

REQUIREMENTS TO THE ABSTRACTS:

- The files should have extension *.doc.
- The abstract should be submitted in English.
- Filename should be written with Latin letters in the following order: Name_Surname_Abstract_year.doc (for example: Ivan_Ivanov_Abstract_2017.doc).
- Font: Times New Roman – 12 point for the text and 14 point for the Abstract title.
- Line Spacing: Single; Double spacing is allowed between Paragraphs.

STRUCTURE OF ABSTRACTS:

- Abstract title in English
- Author(s) names and name of the affiliated organization.
- Keywords in English (up to 5 words)
- Text in the Abstract in English (up to 300 words)
- Address for correspondence, e-mail, telephone.

CONTENT OF ABSTRACTS:

- Title:
- Abstract Text:
- Purpose/Objective
- Materials and Methods
- Results
- Conclusions

TOPICS

Development of National Societies and international collaboration
QUARTO IAEA Regional project- implementation and RTT roles

RTT's Responsibilities and Duties

RTT Dosimetry -reality or dream

Imaging Methods and Protocols in Radiotherapy – CT, PETCT, SPECT, MRI

Fusions and Contouring of organs at risk

Immobilization in Radiotherapy

IMRT, IGRT, Rapid Arc, VMAT, Adaptive RT

Cyber knife and gamma knife treatment

Radiosurgery – SBST, SRS, SBRT

Safety in radiotherapy – the role of RTTs

Treatment Verification Methods

Brachytherapy

Communication with patients

Nursing in radiotherapy
RTTs input in innovations of radiotherapy
RTTs in Research
Free topics



[/item_sponsors]



★ SCHEDULE

📄 DOWNLOAD PRESENTATION ([HTTPS://GOO.GL/ZAFPQS](https://goo.gl/ZAFPQS))

FRIDAY, SEPTEMBER 22TH 2017

SATURDAY, SEPTEMBER 23TH 2017

SUNDAY, SEPTEMBER 24TH 2017



🕒 8:00 - 10:00

REGISTRATION (<http://seetro.org/2017/schedule/registration-3/>)



🕒 10:00 - 10:10

OPENING CEREMONY (<http://seetro.org/2017/schedule/opening-ceremony/>)

🗣️ Ivet Payanova, Sofia, Bulgaria /



🕒

SESSION I – RTT's responsibilities and duties
(<http://seetro.org/2017/schedule/rttps-responsibilities-and-duties-2/>)



🕒 10:10 - 10:30

Competencies of Radiation Therapists practicing on the linear accelerator (<http://seetro.org/2017/schedule/competencies-of-radiation-therapists-practicing-on-the-linear-accelerator/>)

👤 Jose Guilherme Couto, Malta /



🕒 10:30 - 10:50

Role of the RTTs in Radiation Oncology (<http://seetro.org/2017/schedule/role-of-the-rtts-in-radiation-oncology/>)

👤 Stojanovski Goran, Macedonia /



🕒 10:50 - 11:10

The role of the dosimetrists in radiotherapy (<http://seetro.org/2017/schedule/the-role-of-the-dosimetrists-in-radiotherapy/>)

👤 Desislava Dimitrova, Burgas, Bulgaria /



🕒 11:10 - 11:30

Lung SBRT- RTTs role (<http://seetro.org/2017/schedule/lung-sbrt-rtts-role/>)

👤 Aleksandar Kostovski, Bosnia and Herzegovina /



🕒 11:30 - 11:50

Prostate VMAt – RTT's role (<http://seetro.org/2017/schedule/prostate-vmat-rtts-role/>)

👤 Dusan Drljaca, Bosnia and Herzegovina /



🕒 11:50 - 12:10

Radiotherapy treatment of children: Challenge for RTT
(<http://seetro.org/2017/schedule/radiotherapy-treatment-of-children-challenge-for-rtt/>)

🗣️ Jovan Stevanovic, Serbia /



🕒 12:10 - 12:30

Single institution experience of superficial high dose rate brachytherapy in treatment of non- melanoma skin cancer
(<http://seetro.org/2017/schedule/single-institution-experience-of-superficial-high-dose-rate-brachytherapy-in-treatment-of-non-melanoma-skin-cancer/>)

🗣️ Ibushoski Vedrit. Macedonia /



🕒 12:30 - 13:30

LUNCH (<http://seetro.org/2017/schedule/lunch/>)



🕒 13:30 - 14:00

SPONSOR PRESENTATION ORFIT – Patient Immobilization Solutions for Stereotactic Radiotherapy (<http://seetro.org/2017/schedule/sponsor-presentation-orfit-innovative-thermoplastics-for-precise-patient-immobilization/>)

🗣️ Johan Focquet /



🕒

SESSION II – Communication with patients (<http://seetro.org/2017/schedule/communication-with-patients/>)



🕒 14:00 - 14:20

Communication between radiation therapy technologists and patients in clinical practice (<http://seetro.org/2017/schedule/communication-between-radiation-therapy-technologists-and-patients-in-clinical-practice/>)

👤 Hristi Georgieva, Aksakovo, Bulgaria /



🕒 14:20 - 14:40

Communication – the key for quality radiotherapy services (<http://seetro.org/2017/schedule/communication-the-key-for-quality-radiotherapy-services/>)

👤 Valerija Žager, Slovenia /



🕒 14:40 - 15:00

Influence of radiotherapy on psychophysical health of patients with breast cancer (<http://seetro.org/2017/schedule/influence-of-radiotherapy-on-psychophysical-health-of-patients-with-breast-cancer/>)

👤 Đurđica Harmicar, Croatia /



🕒 15:00 - 16:00

SPONSOR PRESENTATION VARIAN – Velocity, Halcyon, Eclipse and Rapid plan. (<http://seetro.org/2017/schedule/sponsor-presentation-varian-velocity-connecting-data-into-clinical-knowledge-halcyon-what-it-brings-to-the-radiotherapy-practice-eclipse-and-rapid-plan-in-combination-with-halcyon/>)



Velocity: Connecting data into clinical knowledge. Halcyon: what it brings to the radiotherapy practice. Eclipse and Rapid plan in combination with Halcyon (<http://seetro.org/2017/schedule/velocity-connecting-data-into-clinical-knowledge-halcyon-what-it-brings-to-the-radiotherapy-practice-eclipse-and-rapid-plan-in-combination-with-halcyon/>)

 Yvette Wilbur, Vincent Ronfle /




 16:00 - 16:30

COFFEE BREAK (<http://seetro.org/2017/schedule/coffee-break-3/>)



SESSION III – Imaging Methods and Protocols in Radiotherapy – CT, PET CT, SPECT, MRI (<http://seetro.org/2017/schedule/imaging-methods-and-protocols-in-radiotherapy-ct-pet-ct-spect-mri/>)



 16:30 - 16:50

Role of SPECT-CT imaging of Sentinel Lymph Nodes (SLNs) in Breast Cancer – Technical aspects (<http://seetro.org/2017/schedule/role-of-spect-ct-imaging-of-sentinel-lymph-nodes-slns-in-breast-cancer-technical-aspects/>)

 Aleksandra Jovanovska, Sofia, Bulgaria /



 16:50 - 17:10

The role of PET/CT in radiotherapy treatment Planning (<http://seetro.org/2017/schedule/the-role-of-petct-in-radiotherapy-treatment-planning/>)

 Kristina Ignatova, Varna, Bulgaria /



🕒 17:10 - 17:30

Comparing the target volumes generated with 10 phases 4D-CT and manuel 3 phases CT (<http://seetro.org/2017/schedule/comparing-the-target-volumes-generated-with-10-phases-4d-ct-and-manuel-3-phases-ct/>)

 Erhan Şimşek, Turkey /



🕒 17:30 - 17:50

Application of the imaging methods for contouring organs at risk in head and neck cancer patients (<http://seetro.org/2017/schedule/application-of-the-imaging-methods-for-contouring-organs-at-risk-in-head-and-neck-cancer-patients/>)

 Dobromir Tsonev, Varna, Bulgaria /



🕒 17:50 - 18:10

Multi-Atlas based segmentation (Mirada RTx) vs. manual contouring for OARs in the head and neck region: efficiency time analysis (<http://seetro.org/2017/schedule/multi-atlas-based-segmentation-mirada-rtx-vs-manual-contouring-for-oars-in-the-head-and-neck-region-efficiency-time-analysis/>)

 Daniel Gugyeras, Hungary /



🕒 17:50 - 18:10

Planning and tracking of patients undergoing Radiosurgery – a joint protocol of imaging diagnostic and Radiation therapy departments (<http://seetro.org/2017/schedule/planning-and-tracking-of-patients->

undergoing-radiosurgery-a-joint-protocol-of-imaging-diagnostic-and-radiation-therapy-departments/

Tsvetelina Zasheva, Sofia, Bulgaria /

ORGANIZER

BULGARIAN SOCIETY OF RADIATION THERAPY TECHNICIANS



ORGANIZING COMMITTEE

Ivet Payanova /BG/, Ljupco Iliev /BG/, Antonia Antonova /BG/, Zdravko Grozdanov /BG/, Iva Borisova /BG/, Petko Tcenov /BG/, Mariya Petrova /BG/, Ilija Čurić /RS/, Ivana Nikolic /RS/, Olivera Ivanova /MK/, Velimir Karadža /HR/, Aleksandar Kostovski /BIH/, Mustafa Jacevic /BIH/, Abidin Tecik /TR/, Jose Guilherme Araujo Seara Couto /MT/

SCIENTIFIC COMMITTEE

Jovan Stevanovic /RS/, Danica Rankovic /RS/, Nikola Apostolovski /MK/, Vedrit Ibusoski /MK/, Damir Cipric /HR/, Julijana Paunovic /HR/, Michal Walczak /PL/, Muhamed Topcagic /BIH/, Hande Yaman /TR/, Adnan Šafek /TR/, Aydın Özkaynak /TR/, Matjaž Jeraj /SL/, Stanislav Prcic /SL/, Susan Mercieca /MT/, Predrag Tepsa /MN/, Daniela Steliean /RO/, Csilla Pesznyak /HU/, Andrea Biranova /CZ/

CO-ORGANIZER SOCIETIES

Croatian Society of Radiation Therapy Technicians
Društvo Radioloških Inženirjev Slovenije
Komora Diplomiranih Inženjera Medicinske Radiologije F BiH
Macedonian Society of Radiological Technologist
Towarzystwo Naukowe Techników Medycznych Radioterapii
Serbian Society of Radiotherapy Technicians
Society of Radiation Therapy Technologist (Turkey)
Society of Medical Radiographers (Malta)
Hungarian Society for Radiation Oncology

GOLDEN SPONSOR



(<https://www.varian.com/>)



SILVER SPONSOR

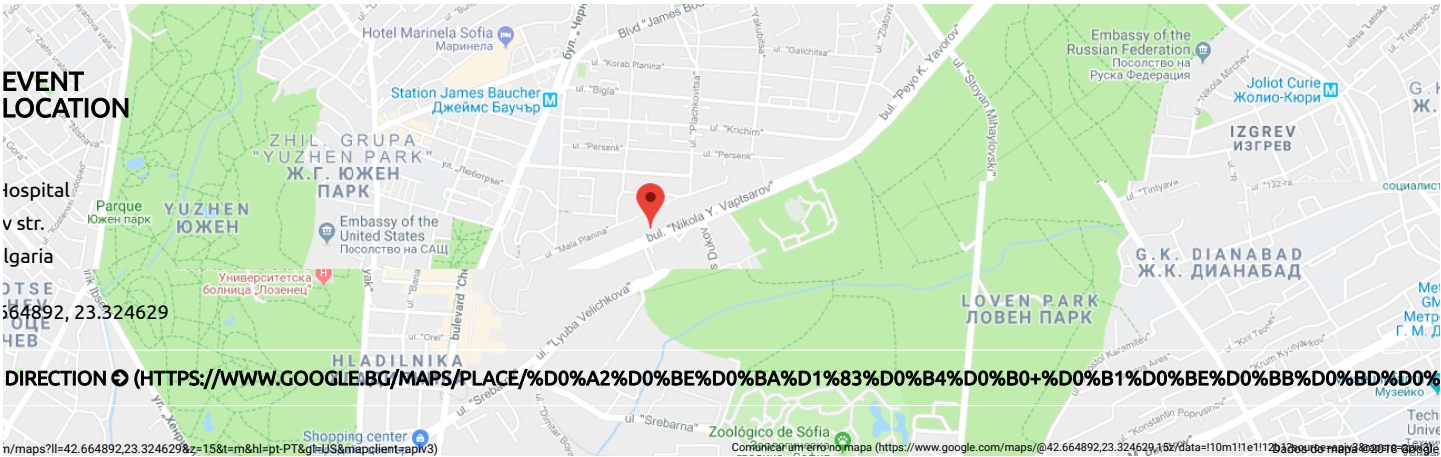


BRONZE SPONSORS



СОФТУЕРНА КОМПАНИЯ ЕООД

SPONSORS



2013
2015
2017
SEETRO 2017



- copyright @ SEETRO, 2017, powered by Bahun Net (<http://bahun.com>) -